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SOURCE Rude Pravo.NEW CRANE FOR CZECHOSLOVAK CONSTRUCTION INDUSTRY

[Comment: This report presents the specifications of a new Czechoslovak crane designed for the construction industry. The Rude Pravo article indicates that, to speed up construction, the crane was designed to operate on unprepared ground while the foundations were still being laid.]

Recently a new type of crane has been in use at the site of the Klement Gottwald Foundries in Kuncice. Called the "Mosquito" crane, because of its shape, it was designed by Vlastimil Videlka, a construction referent. The undercarriage measures 16 x 16 meters, and the crane is equipped with 16 heavy wheels and travels on rails. Each wheel can support a load of 20 tons. The crane itself consists of ten columns, mounted on pivots at their bases, and capable of turning in any direction. There are two booms, 28 meters high, each consisting of two columns and forming a triangle. The booms, each of which has a capacity of 80 tons, are mounted from the right and left sides of the undercarriage. There is an additional 42-meter-high boom with a capacity of 25 tons.

The entire crane is designed to balance so that it requires no additional anchorage.

GRAPHICS MATERIAL AVAILABLE

Requests for copies of, or further information on, the photograph described herein should be addressed to Graphics Register, CIA, by referring to report number and item number.

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1. Location: Czechoslovakia, Ostrava Kraj, Kuncice, Klement Gottwald Foundries

Caption and Description: New "Mosquito" crane in operation at the site of the Klement Gottwald Foundries

Photograph Description: Size 5 x 7 inches; good; newsprint

Source: Rude Pravo, Prague, 18 August 1952, page 2

Repository: CIA

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